UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

25944

7590

02/11/2005

OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320 EXAMINER
KIM, PAUL D

PAPER NUMBER

ART UNIT

DATE MAILED: 02/11/2005

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-----------------|-------------|----------------------|---------------------|------------------|
| 09/818,565 | 03/28/2001 | Hajime Amano | 109102 | 2851 |

TITLE OF INVENTION: METHOD OF MANUFACTURING SPIN VALVE FILM

| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE |
|----------------|--------------|-----------|-----------------|------------------|------------|
| nonprovisional | NO | \$1400 | \$300 | \$1700 | 05/11/2005 |

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

- II. PART B FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.
- III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(703) 746-4000 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

| | | | | ree(s) Transmittal. I | Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must | | | |
|---|--|---|--|---|--|-------------------------------|--|--|
| 25944 7590 02/11/2005 | | | | have its own certifica | have its own certificate of mailing or transmission. | | | |
| OLIFF & BERRIDGE, PLC P.O. BOX 19928 ALEXANDRIA, VA 22320 | | | | I hereby certify that States Postal Service addressed to the Ms transmitted to the US | Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below. | | | |
| | | | | | | (Depositor's name) | | |
| | | | | | | (Signature) | | |
| | | | | | | (Date) | | |
| APPLICATION NO. | FILING DATE | FI | RST NAMED I | NVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | | |
| 09/818,565 | 03/28/2001 | | Hajime A | mano | 109102 | 2851 | | |
| FITLE OF INVENTION: M | ETHOD OF MANUFACTU | RING SPIN VALV | E FILM | | | | | |
| APPLN. TYPE | SMALL ENTITY | ISSUE FEE | : | PUBLICATION FEE | TOTAL FEE(S) DUE | DATE DUE | | |
| nonprovisional | NO | \$1400 | | \$300 | \$1700 | 05/11/2005 | | |
| EXAM | INER | ART UNIT | · | CLASS-SUBCLASS | | • | | |
| KIM, P. | AUL D | 3729 | | 029-603140 | | | | |
| "Fee Address" indicate PTO/SB/47; Rev 03-02 o Number is required. 3. ASSIGNEE NAME AND | | e PRINTED ON TH | or agents OF (2) the name registered at 2 registered listed, no name E PATENT (at a will appea a substitute for | | a member a 2mes of up to if no name is 3 | ocument has been filed for | | |
| | assignee category or categor | ies (will not be print | ted on the pate | ent): 🗖 Individual 🗖 (| Corporation or other private gro | oup entity Government | | |
| la. The following fee(s) are | enclosed: | _ | Payment of Fe | | | | | |
| Issue Fee | | | A check in the amount of the fee(s) is enclosed. | | | | | |
| | mall entity discount permitted | | Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to | | | | | |
| - Advance Order - # 01 | Copies | | eposit Accou | nt Number | charge the required fee(s), or (enclose an extra co | opy of this form). | | |
| | (from status indicated above) MALL ENTITY status. See 3 | | h Annlican | t is no longer claiming SM/ | ALL ENTITY status. See 37 Cl | EP 1 27(a)(2) | | |
| | | | n Fee (if any) | or to re-apply any previous | sly paid issue fee to the applica | tion identified above | | |
| NOTE: The Issue Fee and Punterest as shown by the reco | ublication Fee (if required) w rds of the United States Pater | ill not be accepted f nt and Trademark O | rom anyone of | ther than the applicant; a re | sly paid issue fee to the applica gistered attorney or agent; or th | ne assignee or other party in | | |
| Authorized Signature | | | | Date | | | | |
| | | | | | n No | | | |
| | 150. | | | | the public which is to file (and minutes to complete, including comments on the amount of tird d Trademark Office, U.S. Depp SS. SEND TO: Commissioner at the displays a valid OMB control | | | |



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

| APPLICATION NO. | FI | ILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. | |
|------------------------------|-------------------|------------|-------------------------|---------------------|------------------|--|
| 09/818,565 | 18,565 03/28/2001 | | 03/28/2001 Hajime Amano | | 2851 | |
| 25944 | 7590 | 02/11/2005 | | EXAMINER | | |
| OLIFF & BEI P.O. BOX 1992 | | PLC | | KIM, P. | AUL D | |
| ALEXANDRIA | | 20 | | ART UNIT | PAPER NUMBER | |
| | | | | 3729 | | |
| | | | DATE MAIL ED: 02/11/200 | 5 | | |

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 509 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 509 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.